

File 605/1



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**CONFIDENTIAL**  
(IN TRIPLICATE)

21 September 1959

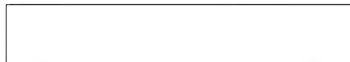
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Washington, D.C.

Attention:



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Subject: Progress Reports, Submission of

Enclosure: (A) Progress Reports for the Month of  
August 1959, in quadruplicate

Gentlemen:

Pursuant to the terms and provisions of the applicable task orders, the contractor submits Enclosure (A), described above, detailing the progress achieved during the month of August 1959.

In the event further information is desired concerning the enclosed reports, do not hesitate to contact the writer.

Very truly yours,



Contract Administrator  
MEG:js

CC:



Washington, D.C.

Attention: Mr.

w/Enclosure



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THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

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PROGRESS REPORT  
FOR  
MONTH OF AUGUST 1959

TRANSPORTABLE INFLATABLE ANTENNA

Purpose: The scope of this project is to design, develop and test one antenna system for the 350 - 10,000 mc range and to fabricate and deliver five complete systems with indoor mounts and two interchangeable outdoor mounts.

Personnel: Electrical Engineer:   
Mechanical Engineers:

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Status: All the log periodic feeds have been completed and tested. The air dielectric coax has been received from Prodelin, but only a partial shipment of the necessary connectors for the coax has been delivered.

The five antenna systems were shipped to the customer on 1 September 1959. Three of the systems were complete as specified. The four 8-foot lengths of air dielectric coax for the other two systems were temporarily replaced with RG 8/U coax.

The final report has been completed and is being printed at present.

Future Plans: A total of eight 8-foot lengths of air dielectric coax will be delivered to the customer to replace the RG 8/U cable as mentioned above as soon as possible. Printing of the final report will be completed in about two weeks. After the report has been distributed, the project will be closed.

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